



State of Utah

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Natural Resources

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March 30, 2004

TO: Minerals File

FROM: D. Wayne Hedberg, Permit Supervisor *DWH*

RE: Site Inspection, Great Salt Lake Minerals (GSL), Little Mountain
Solar Project & Plant, M/057/002, Weber County, Utah

Date of Inspection: March 25, 2004
Time of Inspection: 12:30 – 1:30 p.m.
Conditions: Sunny, clear & warm
Participants: Bill Coleman; Brad Bryner, GSL; Wayne Hedberg and Lynn
Kunzler, DOGM

Purpose of Inspection: To check site conditions on a portion of the solar evaporation project and to give Wayne Hedberg a partial overview of the project area.

Observations:

While we were in the general area performing a site inspection of an adjacent solar salt evaporative project at Lakeside, Utah, we decided to take a look at a portion of GSL's current operations. We met Mr. Brad Bryner of GSLM near the Lakeside Limestone Quarry who was out performing routine maintenance work in the project area. We drove out along the main gated access road leading north from its junction with the Lakeside Union Pacific railway/causeway heading toward Strong's Knob. We turned west off the Strong's Knob road onto the main rock dike of solar pond #112, shortly after we passed GSLM's Strong's Knob limestone quarry borrow area.

We stopped first at pump station #112 that had four pumps of which only one was currently connected. Three pumps had been removed and placed on the ground. They are scheduled to be reconditioned. One or two might be relocated to a new pump station being built about a mile or so west of this station (photos taken). We proceeded west along the dike driving past the new

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M/057/002

Inspection Date: March 25, 2004

pump station that was under construction (no photos taken here). We stopped at pump station #113 where eight pumps are currently located. A couple of these pumps and motors had been pulled as well. Mr. Bryner stated that neither of the pump stations have been reactivated to fill the ponding system yet. The new pump station is being built to assist the operation in locating and moving the brines into their evaporative system. Several photos were taken to document the pump station conditions.

Mr. Bryner stated that they had recently completed constructing a road around the perimeter of pond #113 diking system and that we could take this road when we left the site to observe the present conditions in ponds 112 and 113. We did follow this route back to the main access road and left the area around 1:30 p.m.

Conclusions and Recommendations:

Lynn stated he wanted to check the mine file records upon returning to the office to determine whether we had received and approved the proposed construction activities witnessed during our inspection. We will then need to notify the operator accordingly of our findings and permitting requirements if warranted.

DWH:jb

Cc: Brad Bryner, GSL

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Great Salt Lake Minerals - M/057/002



1 pump station (?) - 4 pumps (3 were pulled - none active)

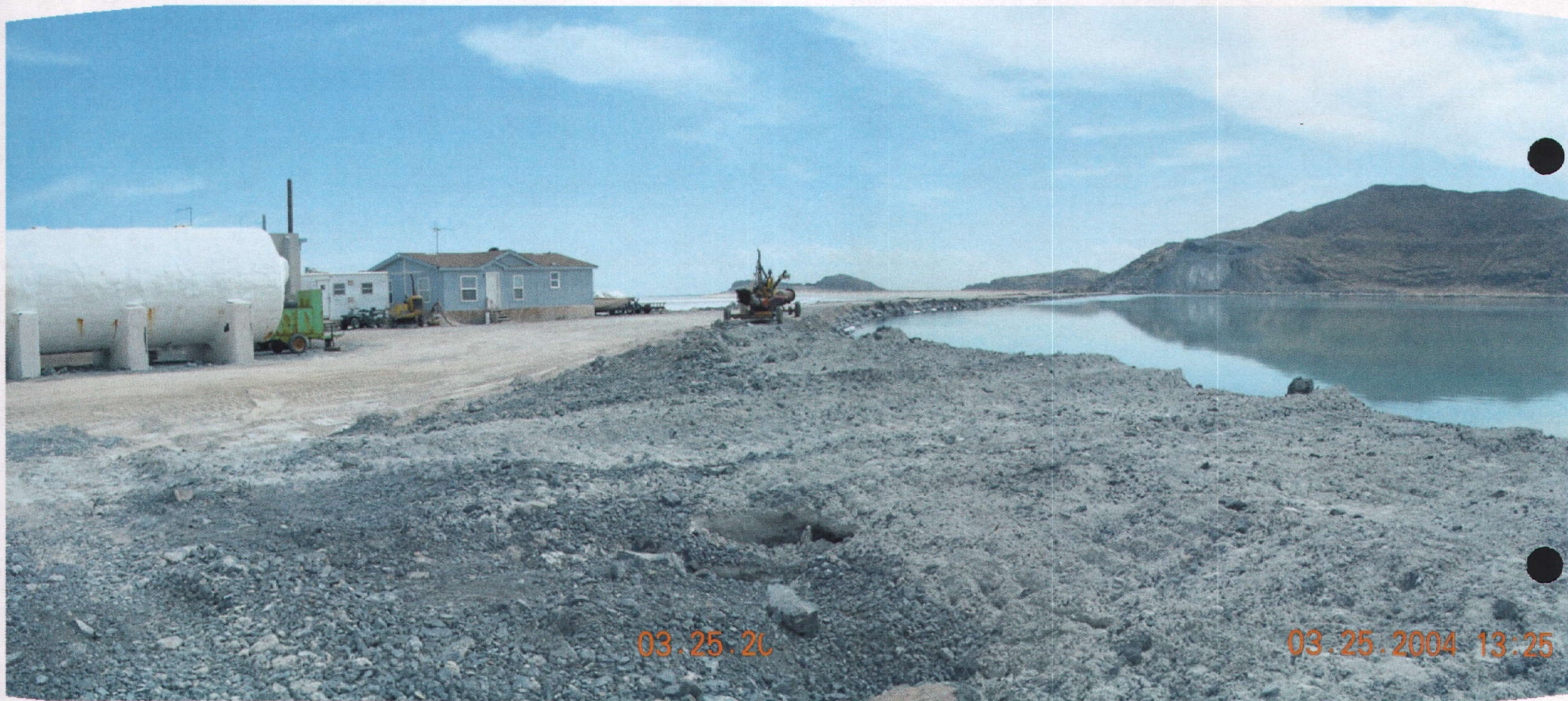
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1 pump missing
in this
composite
(are 8 pumps)
at this station



Large pump station near ^{west} end of dike separating ponds 1 & 2.
Eight pumps exist, although "stitched" photo only shows 7.
(view is looking east)

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1st pump station (4 pumps) - note limestone quarry borrow site opposite end of pond. View is looking east.



DSCN1253.JPG 2004/03/25 13:23:34

1st
pump
station



DSCN1254.JPG 2004/03/25 13:23:45



DSCN1255.JPG 2004/03/25 13:24:17

1st
pump
station



DSCN1256.JPG 2004/03/25 13:24:27



DSCN1257.JPG 2004/03/25 13:25:21

1st
pump
station



DSCN1258.JPG 2004/03/25 13:25:31



DSCN1259.JPG 2004/03/25 13:25:42

(Looking east)

1st
pump
station



DSCN1260.JPG 2004/03/25 13:26:16

(Looking west)



DSCN1261.JPG 2004/03/25 13:27:00

1st
pump
station



DSCN1262.JPG 2004/03/25 13:27:09



DSCN1263.JPG 2004/03/25 13:42:55

3rd
pump
station
(furthest
west)
8 pumps



DSCN1264.JPG 2004/03/25 13:43:08



DSCN1265.JPG 2004/03/25 13:43:34

3rd
pump
station



DSCN1266.JPG 2004/03/25 13:44:28

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DSCN1267.JPG 2004/03/25 13:45:29

3rd
pump
station



view to
the
west

DSCN1268.JPG 2004/03/25 13:45:38

(discharge canal)



DSCN1269.JPG 2004/03/25 13:45:50

3rd
pump
station



view
to the
east

DSCN1270.JPG 2004/03/25 13:46:33

(intake canal)